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04/17/00
 jc682 U.S. PTO

Please type a plus sign (+) inside this box [+]

PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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jc682 U.S. PTO
 09/550443
 04/17/00

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 081862.P174

Total Pages 2

First Named Inventor or Application Identifier Gordon Pack, et al.

Express Mail Label No. EL431889154US

ADDRESS TO: Assistant Commissioner for Patents
 Box Patent Application
 Washington, D. C. 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. X Fee Transmittal Form
 (Submit an original, and a duplicate for fee processing)
2. X Specification (Total Pages 19)
 (preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claims
 - Abstract of the Disclosure
3. X Drawings(s) (35 USC 113) (Total Sheets 4)
4. Oath or Declaration (Total Pages)
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
 (for Continuation/Divisional with Box 17 completed) (**Note Box 5 below**)
 - i. DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. Incorporation By Reference (useable if Box 4b is checked)
 The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. Microfiche Computer Program (Appendix)

[illegible]

8.	<u> </u>	Assignment Papers (cover sheet & documents(s))
9.	<u> </u>	a. 37 CFR 3.73(b) Statement (where there is an assignee)
	<u> </u>	b. Power of Attorney
10.	<u> </u>	English Translation Document (if applicable)
11.	<u> X </u>	a. Information Disclosure Statement (IDS)/PTO-1449
	<u> X </u>	b. Copies of IDS Citations
12.	<u> </u>	Preliminary Amendment
13.	<u> X </u>	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
14.	<u> </u>	a. Small Entity Statement(s)
		b. Statement filed in prior application, Status still proper and desired
15.	<u> </u>	Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.	<u> X </u>	Other: <u>Copy of Postcard w/Express Mail Stamp</u>

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)
of prior application No: _____

_____ Customer Number or Bar Code Label
_____ (Insert Customer No. or Attach Bar Code Label here)
or

NAME Sanjeet K. Dutta Reg. No.: 46,145 Sanjeet Dutta
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

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PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



FEE TRANSMITTAL FOR FY 2000

TOTAL AMOUNT OF PAYMENT (\$) \$768.00

Complete if Known:

Application No. Not Assigned
 Filing Date April 17, 2000 (Herewith)
 First Named Inventor Gordon Pack, et al.
 Group Art Unit Not Assigned
 Examiner Name Not Assigned
 Attorney Docket No. 081862.P174

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02666
 Deposit Account Name _____

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. ☒ Payment Enclosed:
☒ Check
 _____ Money Order
 _____ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
101	690	201	345	Utility application filing fee	<u>690.00</u>
106	310	206	155	Design application filing fee	_____
107	480	207	240	Plant filing fee	_____
108	690	208	345	Reissue filing fee	_____
114	150	214	75	Provisional application filing fee	_____
SUBTOTAL (1)					\$ 690.00

2. EXTRA CLAIM FEES

		Extra Claims	Fee from below	Fee Paid
Total Claims	<u>17</u>	- 20** = <u>0</u>	X _____	= _____
Independent Claims	<u>4</u>	- 3** = <u>1</u>	X <u>\$78.00</u>	= <u>\$78.00</u>
Multiple Dependent			_____	= _____

**Or number previously paid, if greater; For Reissues, see below.

Large Entity		Small Entity		Fee Description	
Code	Fee (\$)	Code	Fee (\$)		
103	18	203	9	Claims in excess of 20	
102	78	202	39	Independent claims in excess of 3	
104	260	204	130	Multiple dependent claim, if not paid	
109	78	209	39	**Reissue independent claims over original patent	
110	18	210	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					\$ 78.00

01/10/2000

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>		
105	130	205	65	Surcharge - late filing fee or oath	_____
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	_____
139	130	139	130	Non-English specification	_____
147	2,520	147	2,520	For filing a request for reexamination	_____
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	_____
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	_____
115	110	215	55	Extension for response within first month	_____
116	380	216	190	Extension for response within second month	_____
117	870	217	435	Extension for response within third month	_____
118	1,360	218	680	Extension for response within fourth month	_____
128	1,850	228	925	Extension for response within fifth month	_____
119	300	219	150	Notice of Appeal	_____
120	300	220	150	Filing a brief in support of an appeal	_____
121	260	221	130	Request for oral hearing	_____
138	1,510	138	1,510	Petition to institute a public use proceeding	_____
140	110	240	55	Petition to revive unavoidably abandoned application	_____
141	1,210	241	605	Petition to revive unintentionally abandoned application	_____
142	1,210	242	605	Utility issue fee (or reissue)	_____
143	430	243	215	Design issue fee	_____
144	580	244	290	Plant issue fee	_____
122	130	122	130	Petitions to the Commissioner	_____
123	50	123	50	Petitions related to provisional applications	_____
126	240	126	240	Submission of Information Disclosure Stmt	_____
581	40	581	40	Recording each patent assignment per property (times number of properties)	_____
146	690	246	345	For filing a submission after final rejection (see 37 CFR 1.129(a))	_____
149	690	249	345	For each additional invention to be examined (see 37 CFR 1.129(a))	_____
Other fee (specify) _____					_____
Other fee (specify) _____					_____

SUBTOTAL (3) \$ 0

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:Typed or Printed Name: Sanjeet K. DuttaSignature Sanjeet Dutta Date 4/17/2000Reg. Number 46,145 Deposit Account User ID _____

(complete if applicable)

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EL431889154US

Date of Deposit: April 17, 2000

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

Geneva Walls

(Typed or printed name of person mailing paper or fee)



(Signature of person mailing paper or fee)

April 17, 2000

(Date signed)

Serial/Patent No.: *** Filing/Issue Date: April 17, 2000
Client: Cisco Technology, Inc. (Herewith)
Title: DYNAMIC QUEUEING CONTROL FOR VARIABLE THROUGHPUT COMMUNICATION CHANNELS
BSTZ File No.: 081862.P174 Atty/Secty Initials: SKD/LJV/gw
Date Mailed: April 17, 2000 Docket Due Date: ***

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

<input type="checkbox"/> Amendment/Response (____ pgs.)	<input checked="" type="checkbox"/> Express Mail No.: <u>EL431889154US</u> <input checked="" type="checkbox"/> Check No. <u>33479</u>	
<input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate)	<input type="checkbox"/> _____ Month(s) Extension of Time	Amt: <u>\$768.00</u>
<input checked="" type="checkbox"/> Application - Utility (<u>12</u> pgs., with cover and abstract)	<input checked="" type="checkbox"/> Information Disclosure Statement & PTO-1449 (<u>2</u> pgs.)	<input type="checkbox"/> Check No. _____
<input type="checkbox"/> Application - Rule 1.53(b) Continuation (____ pgs.)	<input type="checkbox"/> Issue Fee Transmittal	Amt: _____
<input type="checkbox"/> Application - Rule 1.53(b) Divisional (____ pgs.)	<input type="checkbox"/> Notice of Appeal	
<input type="checkbox"/> Application - Rule 1.53(b) CIP (____ pgs.)	<input type="checkbox"/> Petition for Extension of Time	
<input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (____ pgs.)	<input type="checkbox"/> Petition for _____	
<input type="checkbox"/> Application - Design (____ pgs.)	<input checked="" type="checkbox"/> Postcard	
<input type="checkbox"/> Application - PCT (____ pgs.)	<input type="checkbox"/> Power of Attorney (____ pgs.)	
<input type="checkbox"/> Application - Provisional (____ pgs.)	<input type="checkbox"/> Preliminary Amendment (____ pgs.)	
<input type="checkbox"/> Assignment and Cover Sheet	<input type="checkbox"/> Reply Brief (____ pgs.)	
<input checked="" type="checkbox"/> Certificate of Mailing (Express Mail)	<input type="checkbox"/> Response to Notice of Missing Parts	
<input type="checkbox"/> Declaration & POA (____ pgs.)	<input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business	
<input type="checkbox"/> Disclosure Docs & Orig & Copy of Inventor's Signed Letter (____ pgs.)	<input checked="" type="checkbox"/> Transmittal Letter, in duplicate (<u>2</u> pgs.)	
<input checked="" type="checkbox"/> Drawings: <u>4</u> # of sheets includes <u>4</u> figures	<input checked="" type="checkbox"/> Fee Transmittal, in duplicate (<u>2</u> pgs.)	

☒ Other: Copy of Postcard w/Express Mail Stamp
Three References Cited on PTO-1449 (1 pg)